

1. Identification

Catalogue Number

T526130

Lot Number

1-SEV-45-1

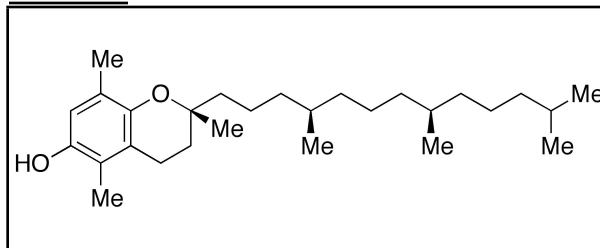
Product Name

b-Tocopherol

Synonyms

(2R)-3,4-Dihydro-2,5,8-trimethyl-2-[(4R,8R)-4,8,12-trimethyltridecyl]-2H-1-benzopyran-6-ol; (+)- 2,5,8-Trimethyl-2-(4,8,12-trimethyltridecyl)-6-chroman-ol; (R,R,R)-β-Tocopherol; D-β-Tocopherol; d-β-Tocopherol; β-D-Tocopherol;

Structure



CAS Number

16698-35-4

Solubility

Chloroform (Slightly), Methanol (Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₈H₄₈O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

416.68

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.57% (200 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Test Date

9/26/2024

Retest Date

9/24/2028